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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/733,612	12/08/2000	Stephen A. Molloy	019838-4.10	4195

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EXAMINER

REKSTAD, ERICK J.

ART UNIT	PAPER NUMBER
	2613

DATE MAILED: 03/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/733,612	MOLLOY, STEPHEN A.
	Examiner	Art Unit
	Erick Rekstad	2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 08 December 2000.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-4 and 18-35 is/are rejected.
- 7) Claim(s) 5-17 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ . |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ . |

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DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities: The disclosure states a “run-length decoder” when referring to the “run-length encoder” on page 4 line 20.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 18-23, 24-28, and 29-30 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

[claims 18-23]

Claim 18 recites the limitation “barrel shifter” in line 3. The “barrel shifter” is not provided by claim 8. There is insufficient antecedent basis for this limitation in the claim.

[claims 24-28]

Claim 24 recites the limitation “modify logic unit” in lines 3-4. The “modify logic unit” is not provided by claim 8. There is insufficient antecedent basis for this limitation in the claim.

[claims 29-30]

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Claim 29 recites the limitation “saturate logic unit” in line 3. The “saturate logic unit” is not provided by claim 8. There is insufficient antecedent basis for this limitation in the claim.

[claim 30]

Claim 30 recites the limitation “run-length encoder” in lines 1-2. The “run-length encoder” is not provided by claim 27. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-4 and 31-36 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent 5,926,208 to Noonan et al.

[claims 1 and 31]

As shown in Fig. 2, Noonan teaches a video encoder/decoder (100) coupled to a processor (1002), wherein the video encoder/decoder is configured by the processor a first time to encode/decode data in accordance with a first one of a plurality of data

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compression/decompression standards (Col 3 Lines 5-12, Col 4 Lines 46-51, Col 5 Lines 1-5, Fig. 2).

[claims 2 and 32]

Noonen further teaches the compression/decompression standard is only changed by the user (Col 5 Lines 15-19).

[claims 3 and 33]

Noonen teaches the use of a configuration file that is configured and then transferred to the encoder/decoder (MEP) (Col 8 Lines 36-42, Col 10 Lines 20-51). As shown in the sited section, the configuration data is sent to the RISC processor (1038) which contains "Video Communication Processor" Registers. The VCP Registers control the operation of the hardware input, output, and processing resources and are distributed in the video processor (Col 8 Lines 15-17, Figs. 2 and 3).

[claims 4, 34, 35 and 36]

Noonen teaches the sending of the configuration files from a file that contains the programs for the various compression modules (Col 10 Lines 10-15). Noonen further teaches the loading of the configuration files from a ROM Cartridge (1050) (Col 10 Lines 47-51, Col 6 Lines 48-61, Fig. 2A).

Allowable Subject Matter

Claims 5-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 5,949,484 Nakaya et al.

US Patent 6,192,188 to Dierke.

"A Video Digital Signal Processor with a Vector-Pipeline Architecture" by Toyokura et al.

"A Video DSP with a Macroblock-Level-Pipeline and a SIMD Type Vector-Pipeline Architecture for MPEG2 CODEC" by Toyokura et al.

"A Video Digital Signal Processor with a Vector-Pipeline Architecture" Aono et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erick Rekstad whose telephone number is 703-305-5543. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on 703-305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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